

Memorandum

Date : August 2, 2000
Telephone: (916) 653-1245
File: NADA2Master.doc

To : William J. Keese, Chairman
Art Rosenfeld
Michal C. Moore
Robert A. Laurie
Robert Pernel

From : California Energy Commission - Steve Larson
1516 Ninth Street Executive Director
Sacramento, CA 95814-5512

Subject : **SECOND DATA ADEQUACY RECOMMENDATION FOR THE NUEVA AZALEA
POWER PLANT PROJECT - (00-AFC-3)**

The staff has completed its data adequacy review of the Application for Certification supplement submitted on July 12, and July 31 2000. I have determined that the Application for Certification contains the information required by Cal. Code of Regs., tit. 20, § 1704, Appendix B. Attachment A contains an overview of whether each technical discipline evaluated is adequate or inadequate. Attachment B contains staff's detailed data adequacy worksheets that describe staff's findings for each information requirement.

On June 22, 2000, we received a letter from Pang Mueller, representing the South Coast Air Quality Management District (District), which identified the Application for Certification as being complete. On July 27, 2000, we received comments from both the City of Downey and the Downey Unified School District that expressed concerns relating to air quality, public health and visual impacts of the proposed project. These concerns will be addressed early during the Discovery and Analysis phases of the proceeding. The letters are attached.

At the Energy Commission's business meeting on August 9, 2000, I will be recommending that the Energy Commission accept the Application for Certification and assign a committee.

If you have any questions, please call James W. Reede, Jr., staff's Project Manager, at (916) 653-1245.

SL:JWR:jwr

Attachments

cc: Barry Epstein
Tim Smith

ATTACHMENT A
OVERVIEW OF ENERGY COMMISSION STAFF'S
DATA ADEQUACY DETERMINATION
NUEVA AZALEA POWER PLANT PROJECT (00-AFC-3)

TECHNICAL AREA	ATTACHMENT B PAGE No.	ADEQUATE ?
Air Quality	1	Yes
Alternatives	6	Yes
Biological Resources	7	Yes
Cultural Resources	11	Yes
Facility Design	14	Yes
Geological Hazards	17	Yes
Hazardous Materials Handling	19	Yes
Land Use	21	Yes
Noise	24	Yes
Paleontological Resources	27	Yes
Project Overview	29	Yes
Public Health	33	Yes
Reliability	35	Yes
Socioeconomics	38	Yes
Soils	43	Yes
Traffic and Transportation	45	Yes
Transmission System Eng.	47	Yes
Visual Resources	50	Yes
Waste Management	55	Yes
Water Resources	58	Yes
Worker Safety	62	Yes

ATTACHMENT B

**ENERGY COMMISSION STAFF'S
Data Adequacy Worksheets**

**Nueva Azalea Power Plant Project
00-AFC-3**

August 2, 2000

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 19, 2000

Technical Area: Air Quality

Project: Nueva Azalea

Technical Staff: Guido Franco

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 5.2.2 and 5.2.3 pages 5-12 to 5-15 Appendix P New text added to Appendix P New text in subsection 5.2.3.1 page 5-13	Yes	
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	Completeness letter from SCAQMD (June 22. 2000)	Yes	
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Section 5.2.3 pages 5-14 to 5-23 Appendix Q	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	Section 5.2.2 page 5-12 Appendix D	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	Appendix S Subsection 3.4.7.3.1 page 3-15 and subsection 3.4.7.3.2 page 3-15 and 16	Yes	
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	Section 5.2.3.2 pages 5-14, 5-47 and 5-48 Appendix Q Section 3.1 (p. 3-1) & Section 3.4.11.6 (p. 3-22) Table 5.2-31 Table 5.2-32	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	Section 5.2.3.2 page 5-14	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

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Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	Section 5.2.1.2 page 5-5	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Section 5.2.1.2	Yes	
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	N/A	N/A	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Section 5.2.1.2	Yes	
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

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Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	Section 5.2.3.2 pages 5-14 to 5-23 Appendix Q, R	Yes	
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	Section 5.2.3.2 pages 5-14 to 5-23 Appendix Q, R Table 5.2-26 page 5.51	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	Section 5.2.3.2.5 page 5-23 Subsection 5.2.3.2.5 Page 5-24a and 5-24c	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			

Adequacy Issue: Adequate **X** Inadequate

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Revision No. 0 Date July 19, 2000

Technical Area: Air Quality

Project: Nueva Azalea

Technical Staff: Guido Franco

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	Section 5.2.4 Pages 5-23, 5-24 and 5-48.	Yes	
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Page 1-16 And confidential information submitted to the CEC on June 23, 2000	Yes	
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Section 1.9.1 Pages 1-15 to 1-17. Section 5.2.4 Pages 5-23 to 5-24	Yes	
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 3.2.1 page 3.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.2.1.4 pages 5-7 to 5-12 Table 5.2-29	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.2.5 page 5-25	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.2.5 page 5-25	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.2.5 page 5-25	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
Technical Area: Air Quality
Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 19, 2000
Project: Nueva Azalea Technical Staff: Guido Franco
Docket: 00-AFC-3 Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.2.6 page 5-53	Yes	

Adequacy Issue: Adequate X Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 10 Date July 21, 2000 ~~March 23, 2000~~

Technical Area: Alternatives

Project: Nueva Azalea

Technical Staff: Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Pp. 3-69 through 3-70, Section 3.11. <u>July 10, 2000 Supplemental Information, Subsection 3.11.2, pp.3-69 through 3-72.</u>	No <u>Yes</u>	Please discuss any consideration given to engineering constraints and site geology.
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Pp.3-69 through 3-77, Section 3.11. <u>July 10, 2000 Supplemental Information, Subsections 3.11.2, 3.11.3, and 3.11.6, pp.3-69 through 3-77.</u>	<u>Yes</u> No	Please discuss alternative generation technologies, such as hydro, wind, and solar. Staff understands that the applicant has considered at least one other site for the project. Please identify and describe all sites considered for the project. Include a map clearly showing the location of the sites. Specify the geographic area examined for alternative sites.
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Pp. 3-69 through 3-77, Section 3.11. <u>July 10, 2000 Supplemental Information, Subsections 3.11.2, 3.11.3, and 3.11.6, pp.3-70 through 3-76.</u>	<u>Ye</u> No	Please provide an evaluation of the comparative engineering, economic, and environmental merits of alternative generation technologies. Please provide an evaluation of the comparative engineering, economic, and environmental merits of all sites considered for the project.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Biological Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision #: 1 Date: July 13, 2000
 Technical Staff: Rick York
 Technical Senior: Dr. James Brownell

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Existing site conditions: Sec. 5.6.1, pgs. 5-152, 153 Expected direct, indirect & cumulative impacts: Sec. 5.6.3, pgs. 5-156 to 5-156f Mitigation measures, and their effectiveness, and a mitigation monitoring plan: Section 5.6.4, pg. 5-157	Yes Yes Yes	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	Regional overview: Sec. 5.6.1.1, pgs. 5-153, 154 Sensitive species: Sec. 5.6.1.7, pg. 5-156 Map(s) showing sensitive species in relation to project site: Figure 5.6-1	Yes Yes Yes	
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed maps: Figure 65.6-1 Species lists: Appendix Y	Yes Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Biological Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

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 Technical Senior: Dr. James Brownell

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Description of studies and surveys and names/qualifications of individuals conducting surveys: Appendix Y Copies of NDDB field survey forms: None were filed since no sensitive species were found during survey.	Yes Yes	
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Discussion of permanent and temporary impacts: Appendix Y Cooling tower drift impacts discussion: Appendix S	Yes Yes	
Appendix B (g) (13) (E)	A discussion of the following:	-	-	-
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Impact avoidance measures: Sec. 5.6-4, pg. 5-157	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Off-site mitigation measures: Sec. 5.6.4, pg. 5-157	Yes	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Proposed worker education program:	N/A	

Adequacy Issue: Adequate ☒ Inadequate**DATA ADEQUACY WORKSHEET**

Revision #: 1 Date: July 13, 2000

Technical Area: Biological ResourcesProject: Nueva AzaleaTechnical Staff: Rick YorkProject Manager: James ReedeDocket: 00-AFC-3Technical Senior: Dr. James Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance monitoring programs: Sec. 5.6.4, pg. 5-157	Yes	
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Native fish and wildlife of commercial value: Secs. 5.6.1.5 and 5.6.1.6, pg. 5-155	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:	-	-	-
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	State & federally listed species: Sec. 5.6.1.7, pg. 5-156	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	State listed species: Sec. 5.6.1.7, pg. 5-156	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Species and habitats requiring protection: Secs. 5.6.1.3 and 5.6.1.4, pgs. 5-154, 155	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Sec. 5.6.5, pgs. 5-157 – 5-159; Sec. 7, pgs. 7-7 - 7-9	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	LORS table: Sec. 5.6.5, pgs. 5-157 – 5-159; Sec. 7, pgs. 7-7 - 7-9	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS compliance: Sec. 5.6.5, pgs. 5-157 – 5-159	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Biological Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision #: 1 Date: July 13, 2000
 Technical Staff: Rick York
 Technical Senior: Dr. James Brownell

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Sec. 5.6.6, pg. 5-159	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permitting schedule: Sec. 5.6.5, pgs. 5-157 – 5-159	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: Cultural Resources

Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
Docket: 00-AFC-3

Revision No. 01 Date 03/21/00 7/21/00

Technical Staff: Dorothy Torres

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC Vol I p 5-165 AFC Vol I p 5-168 AFC Vol I p 5-168,169	YES	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	AFC Vol I p 5-162 to 5-165 AFC Supplement 7/2000 p. 5-166	NO YES	Please provide a map at a scale of 1:24,000, indicating the area or areas of ethnographic occupation.
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	AFC Vol I p 5-165 to 5-167 AFC Supplement 7/2000. Confidential Cultural resource Attachment. Letter from CHRIS information AFC Vol I p 5-166 to 5-167 AFC Supplement 7/2000 p. 5-166a. Per phone call with Nueva Azalea attorney. 7/21/2000an access road will be built within project boundaries. AFC Vol I p 5-166 to 5-167	NO YES	Please clarify the area addressed in the literature search. The letter from the South Central Coastal Information Center provided in Vol II, Appendix V, references an area of a one-half mile radius of the project area. The map referenced in the letter was not provided. Did the referenced project area include the proposed natural gas line? Vol I of the AFC p. 5-166 references field surveys of the South Gate property and the trucking terminal for J.B. Hunt Company. Please clarify the survey area. Was the survey confined to boundaries of the proposed plant? Did the survey area include the proposed natural gas line route and the proposed access road for the underground transmission line?

Adequacy Issue: Adequate ☒ Inadequate ☒

Technical Area: Cultural Resources

Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea

Docket: 00-AFC-3

Revision No. 01 Date 03/24/00 7/21/00

Technical Staff: Dorothy Torres

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	AFC Vol I p 5-167 AFC Vol I p 5-168	YES	
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	AFC Supplement 7/2000. Sample letter. Confidential filing 7/10/2000	NO YES	Please provide a summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands.
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	AFC Vol I p 5-168 AFC Vol I p 5-168 to 5-169	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC Vol I p 5-170 to 5-171 AFC Supplement 7/2000. p. 7-25 through 7-27.	NO YES	Tables in Section 7 do not address cultural resources. Please add a Cultural Resources column to Section 7 and add LORS information and explicitly reference pages in the application where conformance with each law or standard during both construction and operation of the facilities is discussed.

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 01 Date ~~03/21/00~~ 7/21/00

Technical Area: Cultural Resources

Project: Nueva Azalea

Technical Staff: Dorothy Torres

Project Manager: James Reede

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Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC p 5-172 AFC Vol I p 5-169-170	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC Vol I p 5-169 to 171	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC Vol I p 5-171-172	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC Vol I p 5-172	YES	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Facility Design
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date 7/18/00
 Technical Staff: R. Anderson & S. Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Page 5-140; § 5.5.2.1.2 Page 5-139; § 5.5.5.1.4	Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Page 5-141; § 5.5.2.1.2 and Page 5-150; Table 5.5-1; Drawing 3.5-1	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Appendix O, Pages O-12 and Replacement Page O-13; §§ 3.3.4 through 3.3.4.2; Drawing 3.5-1	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Soils and Water Resources		
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Appendix O, Pages O-12 and O-13; §§ 3.3.4 and 3.3.4.2, Replacement Page 3-6, Section 3.3.3.1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1, Page 7-4	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Facility Design
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date 7/18/00
 Technical Staff: R. Anderson & S. Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 1.8, 3.4.12, 3.5.1, 3.5.3, 3.5.5, 4.1.1.1; Appendices I, J, K, N & O	Yes	
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not found	Yes	Staff assumes these contact persons are unknown to the applicant.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	§ 5.3.3	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	§ 3.3.3.1; Appendix O	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	§§ 3.4.12, 3.5.1, 3.5.3, 3.5.5, 3.5.9, 4.1.1.1; Appendices I, J, N & O	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	—	—	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Facility Design
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date 7/18/00
 Technical Staff: R. Anderson & S. Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (i)	The power generation system;	Figure 3.4-1; Appendices I, N & O	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	Appendices I, N & O	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	§§ 1.6.7, 3.4.4, 3.4.7, 3.7, 3.9.4; Figures 3.4-5A & -5B; Appendix I	Yes	
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	Appendices I, N & O	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	§§ 3.4.7.4, 3.4.8.2, 5.14; Appendix O	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	N/A	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	§ 3.4.5.1; Figure 3.4-4; Appendix J	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Figure 3.4-2; Appendices I, J, N & O	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 2 Date 7/18/00
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

Project: Nueva Azalea
 Docket: 00-AFC-03

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5-114, Section 5.3.1.1 and Pages 5-117b and 5-118 Sections 5.3.4 through 5.3.4.3	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Page 5-114, Section 5.3.1.1 through Page 5-117b, Section 5.3.3	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 5.3-5 Page 5-114, Section 5.3.1.1 through Page 5-117a, Section 5.3.2.5	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Figure 5.3-5 Page 5-117a and 5-117b, Section 5.3.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.3-1, Table 7.0-1 Page 7-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 2 Date 7/18/00
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

Project: Nueva Azalea
 Docket: 00-AFC-03

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 5-118a, Section 5.3.6 (unnumbered table)	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 5-118 and 5-118a, Section 5.3.5.1	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 5-118a, Section 5.3.6 (unnumbered table)	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Hazardous Materials Handling
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/21/2000
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.15	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Table 5.15-1 and 5.15-2	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	July 2000 Supplemental Information, Hazardous materials responses	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Section 5.15.2.2.2, 5.15.2.2.5 and Table 5.15-2	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	No Protocol was provided However, it is not necessary as the materials used do not pose an accident release risk	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 5.15.2.2.2	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.15.3	Yes	
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 5.15.2.2.8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Hazardous Materials Handling
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/21/2000
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1 and Section 5.15.5	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.0.1 page 7-9	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.15.5.3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA	NA	No permits are required

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date 07/19/00
 Technical Staff: David Flores
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg. 5-181 & 182, AFC Section 5.9 & 5.9.1 AFC pg. 5-188, Section 5.9.2.1 AFC pg. 5-188, Section 5.9.3	YES	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	AFC pg. 5-184 through 186, Section 5.9.1.3 & 5.9.2, AFC pg. 5-197 & 198, Figure 5.9-3 & 5.9-4	YES	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	AFC pg. 5-191 through 194, Table 5.9-1 through 5.9-6	YES	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	AFC pg. 5-183, Section 5.9.1.1	YES	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	AFC pg. 5-183 through 190, Subsection 5.9.1.1 through 5.9.11.3, 5.9.2 and 5.9.3.2 through 5.9.3.2	NO YES	Provide discussion identifying projects which have been initiated or received approval for zone change, building permits, development or conditional use permits and general plan amendments in the project and surrounding area.
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	AFC pg..5-197 & 198, Figures 5.9-3 & 5.9-4	YES	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Land Use
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date 07/19/00
 Technical Staff: David Flores
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	AFC pg. 5-183 & 184, Section 5.9.1.1	YES	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Map not required. No agricultural land within project area. AFC pg. 5-127, Section 5.4.2	YES	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	AFC pg. 5-127, Section 5.4.2	YES	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	AFC pg. 5-127, Section 5.4.2	YES	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	AFC pg. 5-127, Section 5.4.3	YES	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	AFC pg. 5-128, Section 5.4.3.1	YES	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Land Use
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC pg. 5-188 & 189, Section 5.9.4 through 5.9.4.3 AFC pg. 7-20, Section 7.0	NO YES	Provide discussion of the applicability of each of the local LORS as related to the proposed project.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 190a, Subsection 5.9.5	NO YES	Identify local agencies which would require review of the project, i.e. landscaping \ parking requirements, design review process etc., but for the exclusive authority of the Energy Commission.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg. 5-188 & 189, Section 5.9.4 through 5.9.4.3	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 5-189, Section 5.9.5, AFC pg. 5-190a, Subsection 5.9.6	NO YES	Provide list of local agencies with information as requested under Appendix B (h)(3)
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg.189, Section 5.9.6	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000

Technical Area: Noise

Project: Nueva Azalea Project

Technical Staff: Kisabuli & Steve Baker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.5, 1.6.1, 1.6.6, 1.7, 1.9.3, 3.2, 3.5.1, 3.5.12, 3.8; Chapter 5.12; Table 7.0-1, pages 7-15 & -16	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	7/10/00 Supplement, § 5.12.1.2; Figures 5.12-1, 5.12-2	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in L_{eq} (equivalent sound or noise level), L_{dn} (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L_{10} , L_{50} , and L_{90} values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	7/10/00 Supplement, § 5.12.1.2	Yes	
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Tables 5.12-7, -8, -9 & -10	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000

Technical Area: Noise

Project: Nueva Azalea Project

Technical Staff: Kisabuli & Steve Baker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Tables 5.12-7, -8, -10 & -12	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	§§ 5.12.2.3, 5.12.3.2; Tables 5.12-9 & -11	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	§ 4.2.2.1; Figure 4.2-1	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Tables 7.0-1 & 5.12-6; § 5.12.1.3	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	§ 5.12.6	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000

Technical Area: Noise

Project: Nueva Azalea Project

Technical Staff: Kisabuli & Steve Baker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	§§ 1.9.3, 3.5.1, 3.5.12, 5.12, 5.12.2.1, 5.12.2.2, 5.12.2.3, 5.12.3.1, 5.12.3.2, 5.12.4; Tables 5.12-6, -7, -8, -10 & -12	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	§ 5.12.5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	§ 5.12.6	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/18/00

Technical Area: Paleontological Resources

Project: Nueva Azalea

Technical Staff: Robert Anderson

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-03

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5-176; Section 5.8.1.1, Page 5-178; Section 5.8.1.2.2, Page 5-179; Section 5.8.2.1, Page 5-180; Section 5.8.3	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Pages 5-113 through 5-115; Sections 5.3.1 through 5.3.1.2	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Page 5-178; Section 5.8.2	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Pages 5-177 and 178; Section 5.8.1.2.2	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Page 5-177; Section 5.8.1.2.1 and Appendix "W"	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/18/00

Technical Area: Paleontological Resources

Project: Nueva Azalea

Technical Staff: Robert Anderson

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-03

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Page 5-180; Section 5.8.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Replacement Page 7-21, Table 7.0-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not applicable.	Not applicable	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Page 5-180, Section 5.8.4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not applicable	Not applicable	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable	Not applicable	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Project Overview
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date July 12, 2000
 Technical Staff: James W. Reede, Jr.
 Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout the AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout the AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout the AFC	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principal subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Section 1.1, Page 1-28	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Section 1.6 Pages 1-5 through 1-10	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Section 3.2 Page 3-2	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Sections 3.2 & 3.3 Figures 3.2-1, 3.6-2, 5.2-1, & 5.2-41	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Figure 1.6-1, 1.6-2, 1.6-3 & 1.6-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Project Overview
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date July 12, 2000
 Technical Staff: James W. Reede, Jr.
 Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix B	Yes	
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 1.5, Page 1-4 Table 3.8-1	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in these facilities.	Section 1.2, Page 1-2	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Section 1.2, Page 1-2 Section 3.6.22, Page 3-40	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Section 3.6.22, Page 3-40	Yes	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figure 3.2-1, Page 3-3	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Drawings 3.4-2, 3.4-3a & 3.4-3b	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Project Overview
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Project: Nueva Azalea
 Docket: 00-AFC-3

Revision No. 1 Date July 12, 2000
 Technical Staff: James W. Reede, Jr.
 Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 3	Yes	
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figure 3.2-1	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Figures 1.6-1 & 1.6-2 and Page 1-11	Yes	
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.	NA		
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.	NA		

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Project Overview
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 12, 2000
 Project: Nueva Azalea Technical Staff: James W. Reede, Jr.
 Docket: 00-AFC-3 Technical Senior: Roger Johnson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	NA		
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 1.9.8, Page 1-21	Yes	

Adequacy Issue: Adequate **X** Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 19, 2000

Technical Area: Public Health
Project Manager: James W. Reede, Jr.

Project: Nueva Azalea
Docket: 00-AFC-3

Technical Staff: Obed Odoemelum
Technical Senior: R. Haussler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.0, pages 5-12, 5-13, 5-321, 5-322, 5-323, 5-325 and 5-329.	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Section 5.0, pages 5-331, and 5-333.	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 5.0, pages 5-323, through 5-325.	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Section 5.0, page 5-335	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Section 5.0, page 5-336 and 5-336a, Figure 5.16-2	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 19, 2000

Technical Area: Public Health
Project Manager: James W. Reede, Jr.

Project: Nueva Azalea
Docket: 00-AFC-3

Technical Staff: Obed Odoemelum
Technical Senior: R. Haussler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0, pages 7-3 and 7-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0, pages 7-3 and 7-4	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.0, pages 5-321 and 5-322	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	NA		
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	NA		

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Reliability _____
 Project Manager: James Reede _____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	§§ 1.1, 1.2, 1.4.3.1, 1.4.3.2, 1.6.1, 1.6.2, 1.6.6, 1.6.7, 1.6.8, 1.7, 1.9.8.2, 2.1, 2.2, 3.1, 3.3.1, 3.4.1, 3.4.2, 3.4.3.1, 3.4.3.2, 3.4.3.3, 3.4.3.5, 3.4.4, 3.4.5.3, 3.4.5.4, 3.4.5.5, 3.4.5.6, 3.4.6, 3.4.7, 3.4.9.1, 3.4.11.5, 3.4.11.6; Table 3.4-3; §§ 3.7, 3.9.1, 3.9.2.2, 3.9.2.3, 3.9.2.6.1, 3.9.2.7, 3.9.4, 3.10.2, 3.11.3.1, 3.11.3.2, 3.11.3.3, 3.11.3.4, 3.11.4, 4.1.1, 4.1.1.1, 4.1.1.2, 4.3.1, 4.3.1.1, 4.3.1.2, 4.3.1.2.1, 4.3.1.2.2, 4.3.1.3, 4.3.1.4, 4.3.2.1, 4.3.2.1.1, 4.3.2.1.2, 4.3.2.2, 4.3.2.3; Appendix K § 3.3.1; Appendix Q	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	§§ 1.6.6, 3.1, 3.4.6, 3.7	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:	§§ 1.9.8.2, 2.1, 3.10.2	—	
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	§§ 1.7, 3.1, 3.9.2.2, 4.3.1.4	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	§§ 1.6.2, 3.4.1, 3.11.3.2, 4.3.1.2, 4.3.1.2.1, 4.3.1.2.2; 7/10/00 Supplement, Appendix Z	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Reliability _____
 Project Manager: James Reede _____

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	§§ 1.6.1, 1.6.7, 1.6.8, 3.1, 3.3.1, 3.3.3.1, 3.4.7, 3.7, 3.9.4, 3.11.4, 4.1.1, 4.1.1.1, 4.1.1.2	Yes	
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	§§ 1.6.2, 1.7, 1.8, 3.3.3.1, 3.4.1, 3.4.5.4, 3.4.5.5, 3.4.11.5, 3.4.11.6, 3.9.1, 3.9.2.2, 3.9.2.3, 3.9.2.6.1, 3.9.2.7, 3.11.3.2, 4.1.1.1, 4.1.1.2, 4.3.1, 4.3.1.1, 4.3.1.2.1, 4.3.2.1, 4.3.2.1.1, 4.3.2.1.2, 4.3.2.2, 4.3.2.3; Appendix K § 3.3.1	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	§ 4.3.1.3; 7/10/00 Supplement, Appendix Z, page Z-8	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1	N/A	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	N/A	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	N/A	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Reliability
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 18, 2000
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	N/A	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/19/2000

Technical Area: Socioeconomics

Project: Nueva Azalea/South Gate Power Plant

Technical Staff: Dr. J. Diamond, Jim Adams

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC, Vol. I 5.10.1.2 Economy and Labor Force, PP. 5-201 & 202 Employment P. 5-204a Income, P. 5-204a Table 5.10-6-Estimated Construction Staffing by Month and Payroll, P. 5-214 Mitigation, P. 5-203 Construction, P. 5-208 5.10.3.2 Operation, P. 5-208	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:			
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	Economy and Labor Force, P. 5-201 & 202 5.10.1.7 Fiscal, PP. 5-203 & 204.	Yes	
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	Population and Demographics, P. 5-201 Table 5.10-1 Key Characteristics- Population and Demographics, P. 5-212. 5.10.2.3 Population, P. 5-205	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	Economy and Labor Force, PP. 5-201 & 202. Table 5.10-2 Economy and Labor Force, P. 5-212	Yes	.

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/19/2000

Technical Area: Socioeconomics

Project: Nueva Azalea/South Gate Power Plant

Technical Staff: Dr. J. Diamond, Jim Adams

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	Employment, P. 5-204 Table 5.10-6 Estimated Construction Staffing By Month and Payroll, P. 5-214 Table 5.10-7 Estimated Peak Construction and Labor Supply, P. 5-215	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	Housing, P. 5-202 Housing, P. 5-205 Table 5.10-3 Housing Stock, P. 5-212	Yes	
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Public Services, P. 5-202 & 203 Health Services, P. 5-203 Utilities, P. 5-203 Utilities, PP. 5-206 & 207 Public Services, P. 5-205 & 206 Waste Management, P. 5-291 to 5-305 3.4.7 Water Supply and Treatment, P. 3-14 & 3-26	Yes	.
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:			

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/19/2000

Technical Area: Socioeconomics

Project: Nueva Azalea/South Gate Power Plant

Technical Staff: Dr. J. Diamond, Jim Adams

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Employment, P. 5-204 & 205 Table 5.10-6 Estimated Construction Staffing by Month and Payroll, P. 214 Table 5.10-7 Estimated Peak Construction Staffing and Labor Supply, P. 5-215 Table 3.8-2 Construction Personnel Requirements by Trade P. 3-62	Yes	
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	5.10.2.3 Population, P. 5-205 Table 5.10-6 Estimated Construction Staffing By Month and Payroll, P. 5-214 5.11.2 Environmental Consequences, PP. 5-219 to 5-221	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	5.10.2.3 Population, P. 5-205	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	5.10.2.4 Housing, P. 5-205	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	5.10.2.5 Public Services, PP. 5-205 & 206 5.10.2.7 Utilities, PP. 5-206 & 207	Yes	
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	5.10.2.9 Fiscal, P. 5-208	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/19/2000

Technical Area: Socioeconomics

Project: Nueva Azalea/South Gate Power Plant

Technical Staff: Dr. J. Diamond, Jim Adams

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Income, PP. 5-204 & 205 Table 5.10-8 Annual Labor Income, P. 5-215	Yes	
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	5.10.2.8 Local Purchases, P. 5-207	Yes	
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	5.10.2.9 Fiscal, P. 5-207	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	5.10.4 Laws, ordinances, Regulations and Standards (LORS), PP. 5-209 & 210 Environmental Justice, PP. 1-22 to 1-24. 5.10.2.9 Fiscal, P. 5-207	Yes	.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.10-5 Agency Contacts, P. 5-210.	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.10.4 Laws, Ordinances, Regulations and Standards (LORS), PP. 5-209 to 210.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	5.10.5 Agency Contacts, P. 5-210	Yes	
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	5.10.6 Permits Required and Schedule for Permits, P. 5-210.	N/A	N/A

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Soils
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 17, 2000
 Technical Staff: Rich Sapudar
 Technical Senior: Jim Brownell

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Conditions: 5.3.1-2 (5-113 to 118) 5.4.1-3 (5-126 to 128) Vol 2 Ap. G p 5-6; Ap. T p 4-5 Mitigation: 5.3.3 (5-118) 5.4.4.2 (5-128) 5.4.5 (5-129) Cumulative Impacts: 5.3.3.3 (5-119) 5.4.4.3 (5-128)	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Map: p 5-123 (map scale approaching 1:624,000) Soil Types: Vol 2 Ap. T ap. A figs A-0 to A-6	Yes	Since no modern soil survey is available for the area and the entire site is paved, a soil map is not required.
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Erosion Factors: 5.4.3.1 (5-128), Appendix G Depth: Vol 2 Ap. T ap. A figs A-0 to A-6	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Vol 2 Ap. G 4.2 p 6-7	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	5.4.4 (5-128)	Yes	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;	5.4.4.1 (5-128)	Yes	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	None July 2000 Supplemental Additions: Section 5.4.4.3, 5.4.4.4	Yes	Describe emission effects on soil-vegetation systems.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Soils
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date July 17, 2000
 Technical Staff: Rich Sapudar
 Technical Senior: Jim Brownell

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.3-1 (5-121) 5.4.6 (5-129) July 2000 Supplemental Additions: Table 7.0-1	Yes	Provide specific page or section references for 5.3-1; provide in a table format those laws, ordinances, standards, etc., identified on page 5-129 and include appropriate page or section reference.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	5.3.5 (5-119), 5.4.7	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.4.6.1 (5-129)	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	5.3.5 (5-119), 5.4.7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	5.4.7	Yes	No permits identified. Rationale explained in 5.3.6 (5-119) and 5.4.7 (5-130).

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 10 Date 3/20/00

Technical Area: Traffic and Transportation

Project: Nueva Azalea

Technical Staff: James Fore

Project Manager: James W. Reed Jr.

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.11 Pgs. 5-216 through 5-218 Section 5.11.1 Pgs. 5-218 through 5-219 Section 5.11.2 Pgs. 5-219 through 5-221 Section 5.11.2.1 Pg. 5-221 Section 5.11.3 Pgs. 5-221 through 5-222	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 5.11-1 Section 5.11 Pg. 5-217	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Figure 5.11-2 Section 5.11 Pg. 5-217	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	Table 5.11-2 Pg. 5-220 Appendix B of Appendix X	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	Appendix B of Appendix X	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	Appendix B of Appendix X	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	Section 5.11-2 Pg. 5-220	Yes	
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	Appendix X Section 4 Pg. 12	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	Section 5.11 Pg. 5-217	No Yes	Identification of any road features affecting public safety. If none exist the AFC needs to indicate this.
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	Section 5.11 Pg. 5-217 Section 5.11 Pg. 217 and 218	No Yes	A description of any new, planned, or programmed transportation facilities in the project vicinity. Specify the location of such facilities (the natural gas pipeline construction for the facility 1.2 miles along Southern, Garfield, and Eastern Avenue, the Alameda Corridor and the 710 truck lane) on topographic maps at a scale of 1:24,000.

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 10 Date 3/20/00

Technical Area: Traffic and Transportation

Project: Nueva Azalea

Technical Staff: James Fore

Project Manager: James W. Reed Jr.

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	Section 5.11 Pgs. 5-217 and 5-218	No Yes	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	Section 5.11.2 Pg. 5-220 Section 5.11.2 Pg. 5-223 Section 5.15.21 through Section 5.15.22 Pgs. 5-307 through 5.308 Table 5.15-1 Pg. 5.317	No Yes	Estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1 Pg. 7-2 through 7-17 Section 7.0 Pgs. 7-23 and 7-24	No Yes	The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed for traffic and transportation
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.11.4.1 Pg. 5-222 through 5-223 Section 5.11.4 Pgs 5-224a, 5-224b, and 5-224c Section 7.0 Pgs. 7-23 and 7-24	No Yes	Identify agencies (local, regional, state and federal) that have permit approval or enforcement authority.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.11.4 Pg. 5-224a	No Yes	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.11.5 Pg. 5.224c	No Yes	The name, title, phone number, and address of official within each agency who will serve as a contact person for the agency, (Coty of Southgate, county of Los Angeles, southern California Association of Government, etc.).
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.11.6	No Yes	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits (i.e. construction permits for the Linear Facilities, hazardous waste etc.).

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 3 Date 7/25/2000

Technical Area: Transmission System Eng.

Project: Nueva Azalea

Technical Staff: Charlie Vartanian

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-3

Technical Senior: Mr. Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Section 1.6.5 pp. 1-7 thru 1-8 Section 3.6 pp. 3-39 thru 3-46 <u>Appendix AA</u>	No <u>Yes</u>	Provide the (pending) SCE System Impact Study which is cited as the source which will "...determine the best interconnection point available to the project." (Section 1.6.5 p. 1-8) <u>Data adequate with submittal of Appendix AA</u>
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.		N/A	N/A due to proximity of project location to claimed available 230 kV transmission corridor.
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Section 3.6 pp. 3-39 thru 3-46 Appendix M <u>Appendix AA</u> <u>Section 1. Replacement</u> <u>Page 1-8</u>	No <u>Yes</u>	This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation. Provide the (pending) SCE System Impact Study. Information should include supporting analysis results, load flow single line diagrams and summary tables, for system basecase and outage contingency cases. These should illustrate system conditions before and after the project. Indicate available mitigation options, and those selected, for all identified violations of planning criteria. The 4/7/00 Cal-ISO Letter provides 4 recommended mitigation options. Provide Applicant's mitigation option selection, or provide discussion and status of Applicant's option selection process. <u>Data adequate with submittal of Section 1, replacement page 1-8. July 2000 Supplemental Filing.</u>
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Section 1.6.5 pp. 1-7 thru 1-8 Section 3.11 pp. 3-69 thru 3-70	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 3 Date 7/25/2000

Technical Area: Transmission System Eng.

Project: Nueva Azalea

Technical Staff: Charlie Vartanian

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-3

Technical Senior: Mr. Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 1.6.5 pp. 1-7 thru 1-8 Figure 3.6-1 Figure 3.6-4	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.			[note to Proj. Mngr. James – see Obed's input]
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.			[note to Proj. Mngr. James – see Obed's input]
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 3.6-1 p. 3-47	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 3.6-1 p. 3-47 Table 7.0-1 pp. 7-2 thru 7-17	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: Transmission System Eng.
 Project Manager: James W. Reede, Jr.

DATA ADEQUACY WORKSHEET

Revision No. 3 Date 7/25/2000
 Technical Staff: Charlie Vartanian
 Technical Senior: Mr. Al McCuen

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 3.6.4.4 pp. 3-45 thru 3-46 Section 3.9.3, p. 3-65	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.		N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.		N/A	

Adequacy Issue: Adequate **X** Inadequate **X-**
 Technical Area: Visual Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 20 Date July 31, March 20, 2000
 Technical Staff: Gary Walker
 Technical Senior: Dale Edwards

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pp.5-263 through 5-264, Section 5.13.1.2. Pp.5-264 through 5-267, Section 5.13.2. Pp.5-273 through 5-276, Sections 5.13.3 through 5.13-5. Supplemental Information, July 10, 2000. Supplemental Information, July 31, 2000.	Yes No	Submittal of information requested in each of the sections below will satisfy this requirement.

Adequacy Issue: Adequate **X** Inadequate **X-**

DATA ADEQUACY WORKSHEET

Revision No. **20** Date **July 31, March 20, 2000**

Technical Area: **Visual Resources**

Project: Nueva Azalea

Technical Staff:

Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior:

Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	P.5-259, Section 5.11-3; pp. 50263 through 5-265, Section 5.13.1.2. Supplemental Information, July 10, 2000, Subsection 5.13.1, pp.5-260 and 5-264.	Yes No	The AFC (p.5-263) states that some vantage points in the project area have moderate sensitivity. Please describe these vantage points in detail.
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Not provided. Supplemental Information, July 10, 2000, New Figure 5.13-13, p.5-290c; New Figure 5.13-15, p.5-290dd; Subsection 5.13.1, p.5-260. New Figure 5.13-00, p.5-276e.	Yes No	Please provide a topographic map at a scale of 1:24,000 of the areas from which the project may be seen, identifying the view areas most sensitive to the potential visual impacts of the project and the locations where the photographs were taken for (g) (6) (E).
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Not provided. Supplemental Information, July 10, 2000, New Drawing 5.13-14, p.5-190d.	Yes No	Please provide elevation drawings of any existing structures on the site.
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	P.5-259, Section 5.13; p.5-263, Section 5.13.1.2; p.5-268, Section 5.13.2.3.1.	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Not provided. Supplemental Information, July 10, 2000, New Subsection 5.13.1.2.4, pp.5-265 and 5-266.	Yes No	Please provide an assessment of the visual quality of those areas that will be impacted by the proposed project.

Adequacy Issue: Adequate X Inadequate X-

DATA ADEQUACY WORKSHEET

Revision No. 20 Date July 31, March 20, 2000

Technical Area: Visual Resources

Project: Nueva Azalea

Technical Staff:

Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior:

Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	P.1-17; Section 1.9.3; p.5-263, Section 5.13.1.2; p.5-268, Section 5.13.2.3.1. Supplemental Information, July 10, 2000, New text added to Subsection 5.13.1.2, pp.5-264 and 5-265. Supplemental Information, July 31, 2000, Section 5.13.	<u>Yes</u> No	The AFC (p.5-263) states that certain vantage points exist where visual sensitivity may be moderate, and refers to residential structures and a public park southeast of the site. Please identify those locations, specify their distance from the site, describe them, show them on a map, and indicate the approximate number of people or residences using each of these sensitive areas.
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	P.1-20, Section 1.9.6; Figure 3.6-3; p.5-268, Section 5.13.2.3.1. Supplemental Information, July 10, 2000, Figures 3.4-3A, B, C, and D. New Figure 5.13, p.5-290E.	<u>Yes</u> No	Please specify the dimensions of the project components other than the exhaust stacks and transmission pole. Include the architectural treatments, specifically the inclined, elliptical cylinders and the curved canopies. Please specify the color and material of each major visible component of the project.
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 5.13-1 through 5.13-12. Supplemental Information, July 10, 2000, Figure 1.9.1, p.1-25; Figures 5.13-1 through 5.13-12, pp.5.13-278a through 5.13-290a. Supplemental Information, July 31, 2000, Section 5.13.	<u>Yes</u> No	The figures in the AFC show only the view after project completion, and are only half-page in size. Please provide full-page color photographic reproductions of the existing setting from each of the photo locations used to create Figures 1.9.1 and 5.13-1 through 5.13-12. Please provide full-page versions of Figures 1.9.1 and 5.13-1 through 5.13-12.

Adequacy Issue: Adequate **X** Inadequate **X-**

DATA ADEQUACY WORKSHEET

Revision No. 20 Date July 31, March 20, 2000

Technical Area: Visual Resources

Project: Nueva Azalea

Technical Staff:

Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior:

Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	<p>P.3-54, Section 3.8.2.6; pp.5-267 through 5-272, Section 5.13.2.3.</p> <p><u>Supplemental Information, July 10, 2000. New text added to Subsection 5.13.2.3.1, p.5-271.</u></p> <p><u>New text added to Subsection 5.13.2.3.2, p.5-273.</u></p> <p><u>New text added to Subsection 5.13.2.3.4, pp.5-276 and 5-276a.</u></p> <p><u>Discussion of glare was added to Subsection 5.13.2.3.1, p.5-271.</u></p> <p><u>New text added to Subsection 5.13.1.2.4, pp.5-265 and 5-266.</u></p> <p><u>New Figure 5.12-00, p.5-276e.</u></p> <p><u>Supplemental Information, July 31, 2000, Section 5.13.</u></p>	<u>Yes</u> No	<p>Please discuss the impacts of construction lighting. <u>Provided.</u></p> <p>The AFC specifies the maximum and mean dimensions for cooling tower plume height and length. Please specify the maximum and mean width of the cooling tower plume, and the duration and frequency of those dimensions. <u>Provided.</u></p> <p>Please discuss the visual impact of exhaust stack vapor plumes. <u>Provided</u></p> <p>Please discuss the impacts of daytime glare. <u>Provided.</u></p> <p>Please evaluate the impacts from each of the sensitive viewing positions used in the photosimulations (Figures 5.13-1 through 5.13-12). <u>Provided</u></p>

Adequacy Issue: Adequate X Inadequate X-

DATA ADEQUACY WORKSHEET

Revision No. 20 Date July 31, March 20, 2000

Technical Area: Visual Resources

Project: Nueva Azalea

Technical Staff:

Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior:

Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Not provided. Supplemental Information, July 10, 2000, Table 7.0-1, Replacement Page 7-11.	Yes <u>No</u>	Tables that identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference subsections in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not provided. Supplemental Information, July 10, 2000, Data Adequacy Response Key, Visual Resources, p.4.	Yes <u>No</u>	Tables that identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not provided. Supplemental Information, July 10, 2000, Subsection 5.13.5, pp.5-276c and 5-276d. Supplemental Information, July 31, 2000, Section 5.13.	Yes <u>No</u>	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not provided. Supplemental Information, July 10, 2000, New Subsection 5.13-6, p.5-276d.	Yes <u>No</u>	The name, title, phone number, and address of an official within each agency who will serve as a contact person for the agency.

Adequacy Issue: Adequate X Inadequate X-

DATA ADEQUACY WORKSHEET

Revision No. 20 Date July 31, March 20, 2000

Technical Area: Visual Resources

Project: Nueva Azalea

Technical Staff: Gary Walker

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not provided. Supplemental Information, July 10, 2000, New Subsection 5.13-7, p.5-276d.	Yes No	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits. The supplemental information regarding schedule for permits is vague. Staff may ask a data request requesting more specific timing.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 19, 2000
 Technical Staff: Mike Ringer
 Technical Senior: Bob Haussler

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	sec. 5.14.2.1 sec. 5.14.2.3	YES	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	sec. 3.10.1	YES	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	sec. 5.14.2.1.1 sec. 5.14.2.1.2 sec. 5.14.2.3.2 sec. 5.14.2.3.3 sec. 5.14.3.1 sec. 5.14.3.3 sec. 5.14.3.4	YES	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	sec. 5.14.2.3.1 Appendix F	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 19, 2000
 Technical Staff: Mike Ringer
 Technical Senior: Bob Haussler

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	sec. 3.4.8.2 sec. 5.14.2.1.1 sec. 5.14.2.1.2 sec. 5.14.2.3.2 sec. 5.14.2.3.3 Table 5.14-2 Table 5.14-3	YES	
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	sec. 5.14.1.1.1 sec. 5.14.1.2 Table 5.14-1	YES	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	sec. 5.14.2.1 sec. 5.14.2.3 sec. 5.14.3.3	YES	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.0-1 pp.7-18,19	YES	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 1 Date July 19, 2000
 Technical Staff: Mike Ringer
 Technical Senior: Bob Haussler

Project: Nueva Azalea
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.0-1 pp.7-16,17	YES	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Table 7.0-1 pp.7-16,17	YES	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	sec. 5.14.5.3	YES	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	sec. 5.14.3.3	YES	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	see Engineering Facility Design		
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	see Engineering Facility Design		

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Water Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/26/00
 Technical Staff: Rich Sapudar
 Technical Senior: Jim Brownell

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	1.6,3.2,3.5.11,3.7,3.8,5.14.2.3.1,5.5.3 July 2000 Supplemental Additions: 1.6.7,5.5.3.1,5.5.3.2,5.5.3.3,5.5.3.2,5.5.6 July 24, 2000 Industrial Wastewater Discharge Permit Application Information	Yes	Provide a discussion of potential impacts to the City's water infrastructure such as water treatment facilities, pipelines, etc. Identify anticipated future water demand within the City. Identify the capacity of the reclamation plants that the Central Basin receives effluent from. Identify the Publicly Owned Treatment Works (POTW) which will receive the wastewater discharge from the project, and the waters to which the POTW discharges it's effluent. Identify the NPDES permit held by this POTW, and any violations or exceedances of the permit conditions for the preceding period of 1 year. Provide all information required by the NPDES permit held by the POTW to accept the project's wastewater under the U. S. EPA pretreatment of industrial wastes established by the Clean Water Act (40 CFR 423) for this category of industrial discharge. Information needed by SDLAC for obtaining an Industrial Wastewater Discharge Permit including: Section 3.2 Plans, Subsection A.1. Sewerage Plan. Provide a schematic diagram and discussion with sufficient detail to clearly describe the principal sanitary and industrial waste streams internal to the project and site, connections to external facilities, and the pipelines and facilities external to the project. Section 3.2 Plans, Subsection A.3. Plans of Pretreatment and Monitoring Facilities. Provide a flow schematic diagram and discussion with sufficient detail to clearly describe the principal components of Pretreatment and Monitoring facilities. Provide a flow schematic diagram and discussion with sufficient detail to clearly describe the principal components of the stormwater collection, treatment, and discharge system both internal to the project and site, and connections to external facilities.

Adequacy Issue: Adequate ☒ Inadequate ☐

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/26/00

Technical Area: Water Resources

Project: Nueva Azalea Project

Technical Staff: Rich Sapudar

Project Manager: James Reede

Docket: 00-AFC-3

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:	see (g)(14)(A)(ii) below	N/A	
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and		N/A	
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.		N/A	
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	3.3.3,5.5.1.1.2,5.5.1.1.4	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	3.3.3.2,5.5.1.1.2,5.5.1.1.3	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	3.3.3.2,5.5.1.1.2,5.5.1.1.4,5.5.1.4	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	see Facility Design		
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:	1.6.2,1.6.7,1.6.8,1.9.2,3.4.7,3.7,5.5.1.1.2,5.5.1.2	Yes	
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	1.6.7,3.7,3.11.4,5.5.1.1.2,5.5.1.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Water Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/26/00
 Technical Staff: Rich Sapudar
 Technical Senior: Jim Brownell

Project: Nueva Azalea Project
 Docket: 00-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	3.11.5.2,5.5.2.1.2,5.14.2.2.2 July 2000 Supplemental Additions: Table 3.4-2 Table 3.4-4 Table 5.5-2	Yes	Metals and trace elements are a concern when using reclaimed water, particularly when concentrated in cooling towers. Provide additional analytical data on the reclaimed water source for metals and trace elements using an analytical method with analytes and detection limits comparable to U.S. EPA Method 200.8, Inductively Coupled Plasma – Mass Spectrometry. Report all analytes and detection limits. Provide calculations of the estimated concentrations of all constituents of concern in all waste or process water streams, and in the total wastewater discharge to the POTW.
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	1.6.7	Yes	
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	1.6.8,1.6.7,3.5.9,Figure 3.7-1, 3.7,3.8.4,3.9.4,3.11.5,5.5.1.6.2, 5.5.1.6.3,5.5.2.1.3,5.14.1.1.2,5.14.2.2.1	Yes	
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	see Facility Design		
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	see Facility Design		
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	see Facility Design		
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	5.5.1.1.2,5.5.2.4	Yes	
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	5.5.2.1.1,5.5.2.1.2,5.5.2.4	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	5.5.3,5.5.2.1.2,5.5.2.3.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Water Resources
 Project Manager: James Reede

DATA ADEQUACY WORKSHEET

Revision No. 0 Date 7/26/00
 Technical Staff: Rich Sapudar
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	see Facility Design		
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	none July 2000 Supplemental Additions: Sections 5.5.7, 5.5.5.2	Yes	LORS are listed and discussed, but not organized with referenced pages as required. Include in the table all requirements of the Regional Water Quality Control Board, and the Los Angeles County Sanitation Districts
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	none July 2000 Supplemental Additions: Section 5.5.7	Yes	Agencies are listed and discussed, but are not organized as required. Include in the table all requirements of the Regional Water Quality Control Board, and the Los Angeles County Sanitation Districts.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.5.1.3,5.5.5,5.5.1.3.2,5.5.2 .1.2,5.5.2.1.3,5.5.3,5.5.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	5.5.6 July 2000 Supplemental Additions: Section 5.5.6	Yes	Include Los Angeles Regional Water Quality Control Board, and the Los Angeles County Sanitation Districts
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	5.5.7 July 2000 Supplemental Additions: Section 5.5.7	Yes	Include schedule for obtaining the required permit from the Los Angeles County Sanitation Districts for discharge of industrial wastewater under their NPDES permit.

Adequacy Adequate **x** Inadequate
Issue:

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/21/00

Technical Area: Worker Safety
Project Manager: James W. Reede, Jr.

Project: Nueva Azalea
Docket: 00-AFC-3

Technical Staff: Rick Tyler
Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	P. 5-337, 338	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	P. 5-346, 347 & Table 5.17- 4	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	P. 3-13,14 & 3-19, 20	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:			
	Construction Health and Safety Program: * Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);	P. 5-338, 339	Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);	P. 5-340, 341	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)	P. 5-339 & Table 5.17-2	Yes	
	Operation Health and Safety Program: * Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);	P. 5-342, 343	Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);	P. 5-343, 344	Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);	P. 5-345 & Table 5.17-3	Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).	P. 5-345, 346	Yes	

Adequacy Adequate ☒ Inadequate
Issue:

DATA ADEQUACY WORKSHEET

Revision No. 1 Date 7/21/00

Technical Area: Worker Safety

Project: Nueva Azalea

Technical Staff: Rick Tyler

Project Manager: James W. Reede, Jr.

Docket: 00-AFC-3

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	P. 5-358-362 & Table 5.17-6 Supplemental Information filed July 2000, Worker Safety Section	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	P. 5-363, Table 5.17-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	P. 5-338,339,340,341,342,343,345,348	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	P. 5-362, Table 5.17-7	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	P. 5-349 & 363, Table 5.17-8	Yes	